

FREE WHEEL BODY KIT FOR THE KSYRIUM® ELITE WHEEL

Tools needed

- 2 x 5 mm Allen wrenches / • Mavic mineral oil M40122

- 1** Disassemble the complete axle kit (see above);
- 2** Remove the FTS-L free wheel body kit:
 - 2.1** Pull the FTS-L free body wheel towards the exterior until it doesn't move any further (about 4 mm);
 - 2.2** Turn the FTS-L free wheel body, and while holding the pawls and springs, pull it carefully off the hub axle;

Caution: When you disassemble the FTS-L free wheel body, its pawls and springs are no longer supported and can therefore pop out. This can be prevented by holding the pawls with your hand.

- 3** Remove the spring /pawl assembly and clean it;
- 4** Replace the FTS-L free wheel body kit and the lip seal (install the new one against the nose of the hub, the lip toward the outside). Lubricate the lip with Mavic mineral oil M40122;
- 5** Lubricate the inside of the FTS-L free wheel body kit in the cog area (10 - 20 drops of Mavic mineral oil M40122).
- 6** Install the spring/pawl assembly (spring fits over the pins of the centering stud on the pawl assembly). Put the springs and then pawl assembly in place, the round side touching the axle. Then pivot the pawl assembly.
- 7** Install the FTS-L free wheel body kit:
 - 7.1** Make sure the spacer washer M40067 (available in a kit with 10 parts) is placed inside the FTS-L free wheel body kit: The absence of this spacer washer prevents the free wheel body from working properly.
 - 7.2** Install the FTS-L free wheel body kit holding the pawl assembly in your hand in the low position (springs compressed);
- 8** Install the axle end screw and the axle kit and adjust the bearings as described in the above procedure.

It is recommended to lubricate the free wheel body 1 or 2 times a year or whenever it gets noisy. To do this, follow the above procedure.

